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OTPE JC177  
JAN 09 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

VEERASAMY et al.

Atty Ref.: 3691-356

Serial No. 10/003,436

Group: 1762

Filed: December 6, 2001

Examiner:

For: METHOD OF ION BEAM MILLING A  
GLASS SUBSTRATE PRIOR TO  
DEPOSITING A COATING SYSTEM  
THEREON, AND CORRESPONDING  
SYSTEM FOR CARRYING OUT THE SAME

\* \* \* \* \*

January 9, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

**SUBMISSION OF FORMAL DRAWINGS**

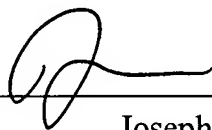
Sir:

In response to the Notice to File Corrected Application Papers dated December 28, 2001 (copy attached hereto), enclosed herewith are seventeen sheets of formal, inked drawings (Figs. 1-21) for the above-identified application.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_



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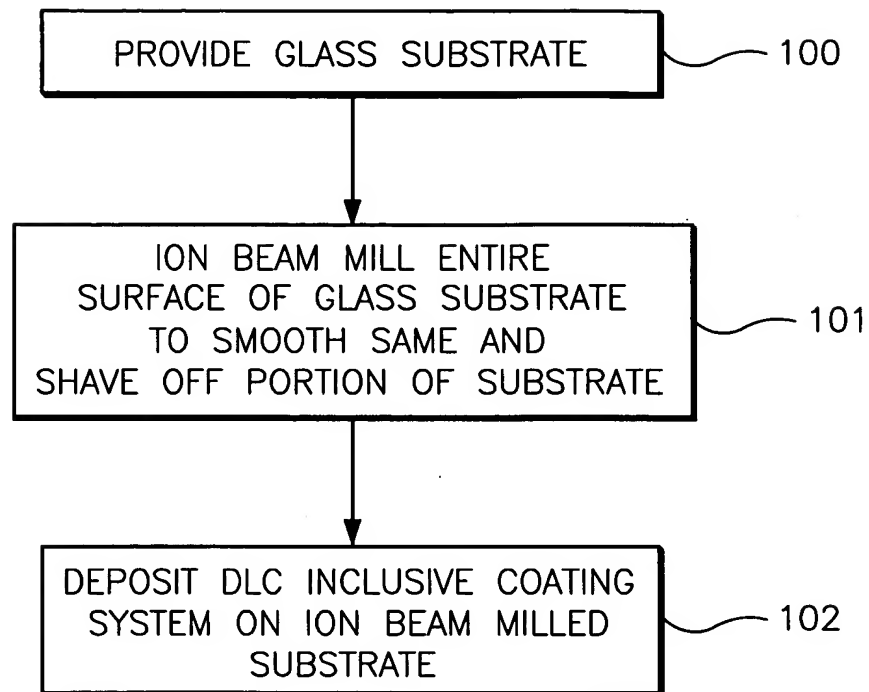


Fig. 1

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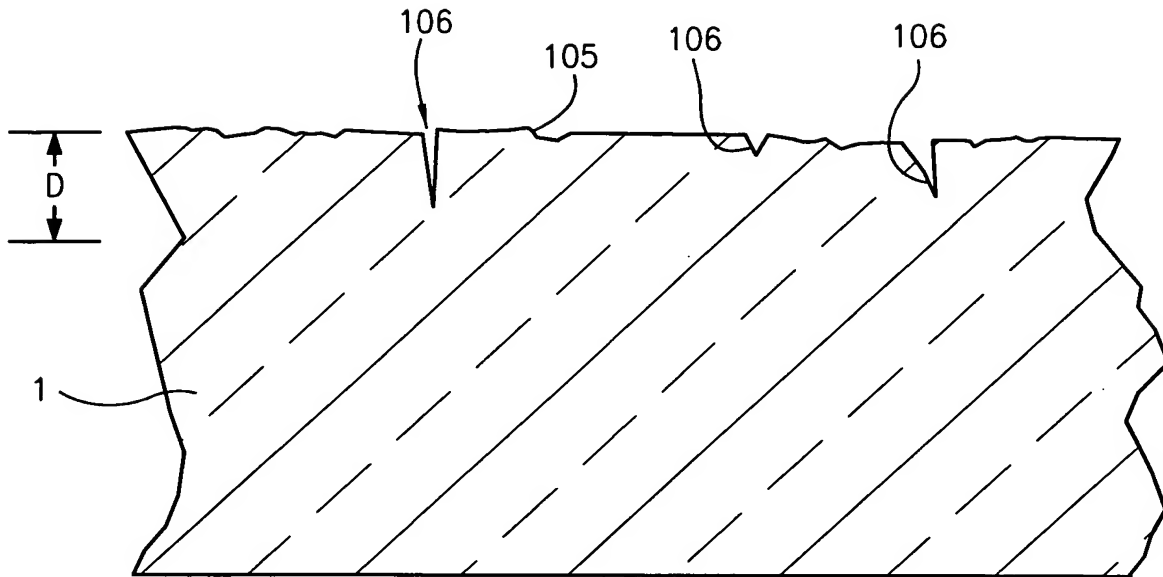


Fig. 2

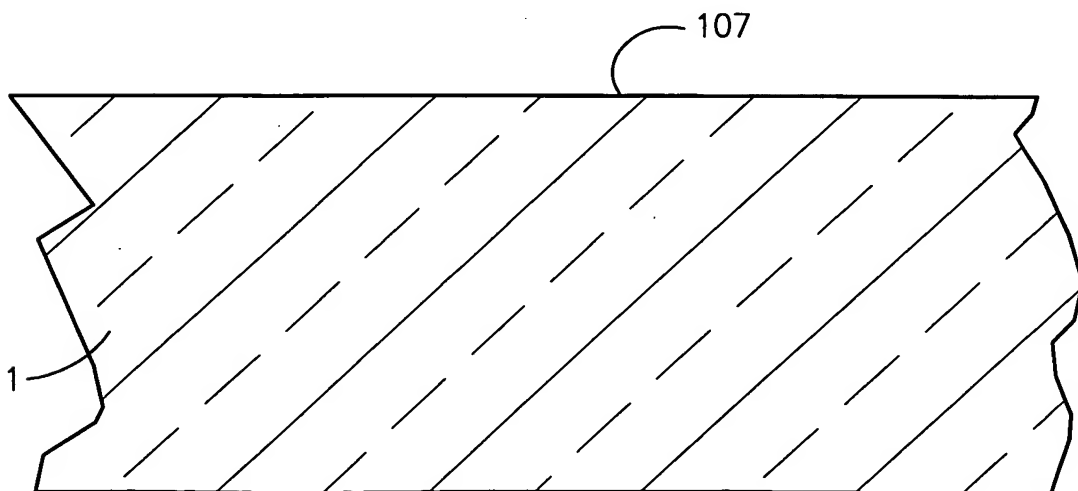


Fig. 3

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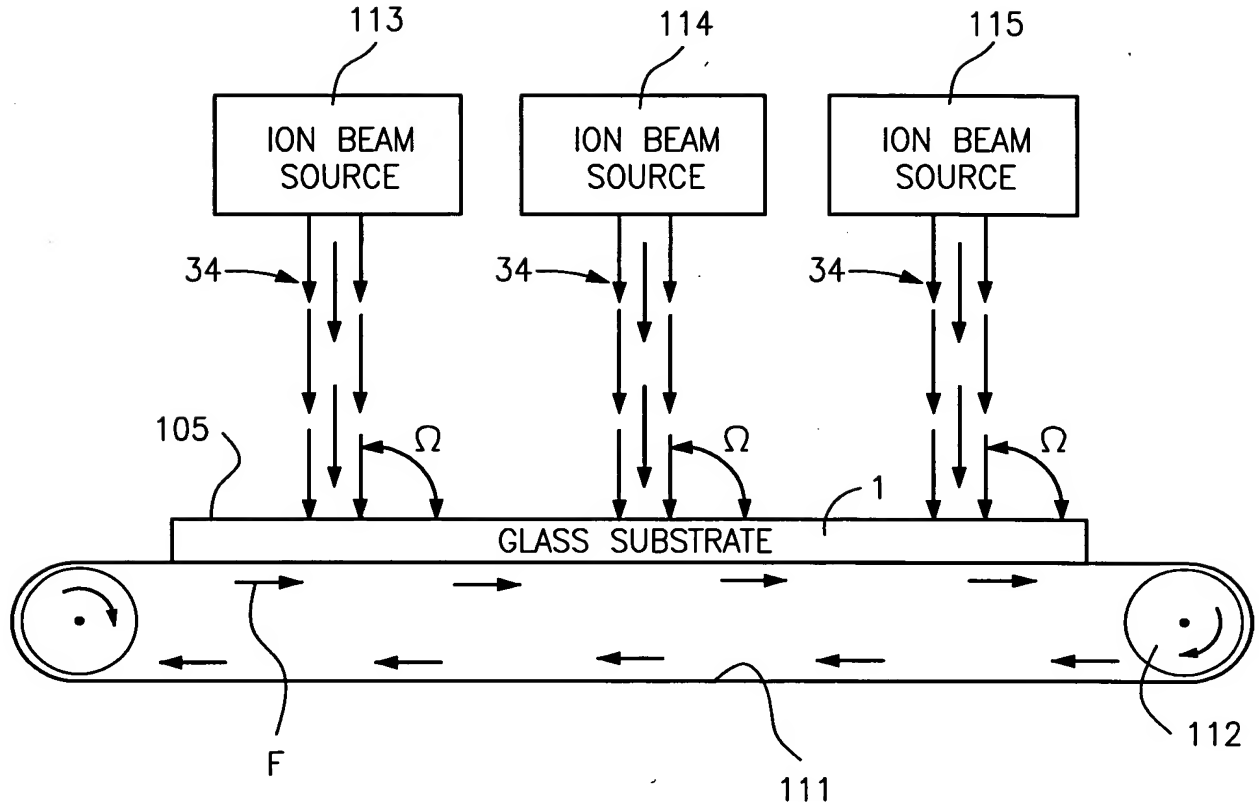


Fig. 4(a)

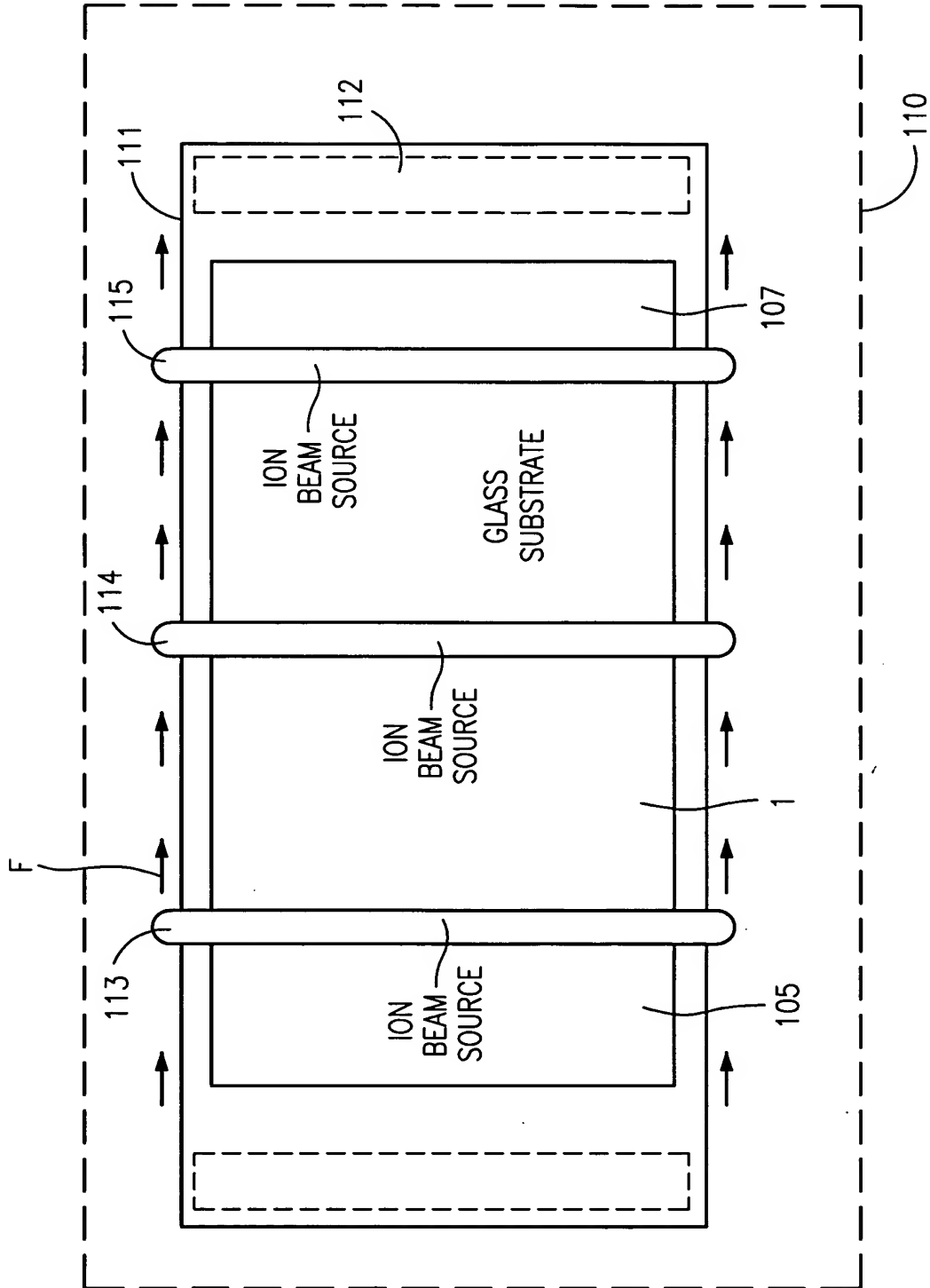


Fig. 4(b)

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SURFACE SMOOTHNESS vs ION BEAM PASSES

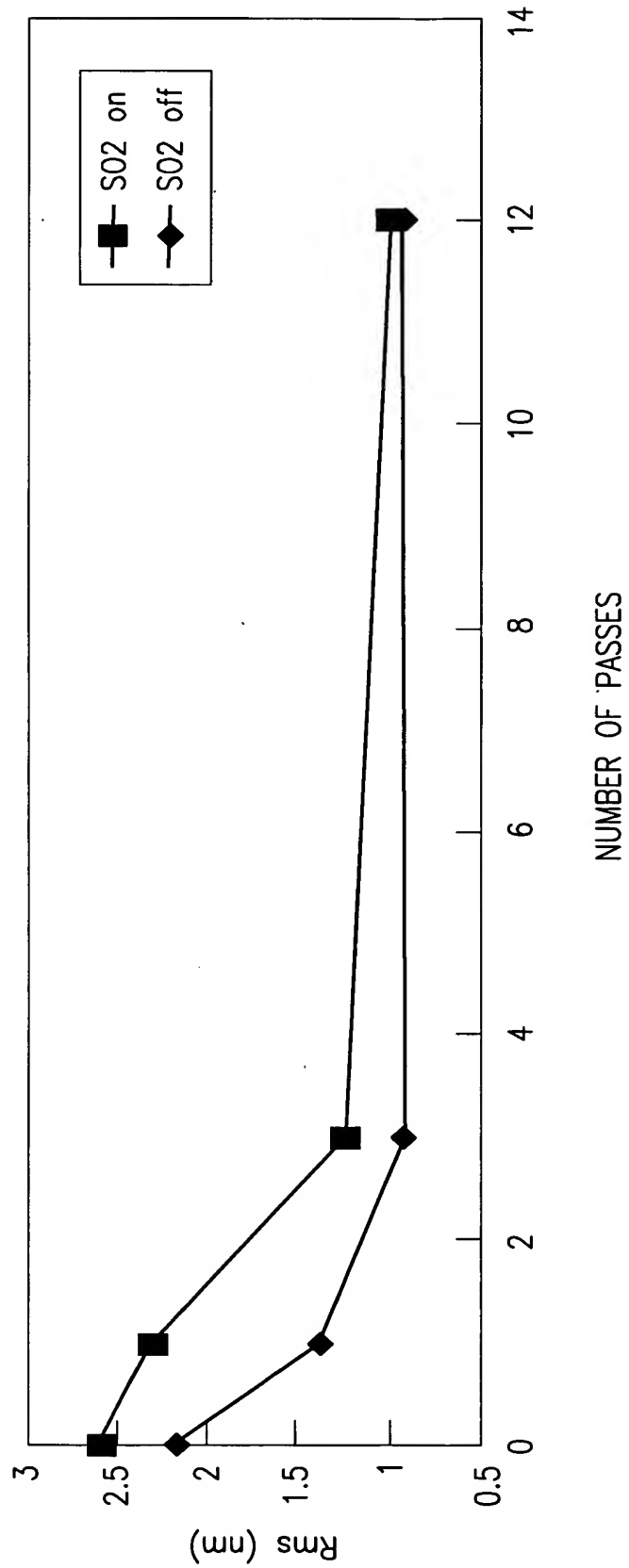
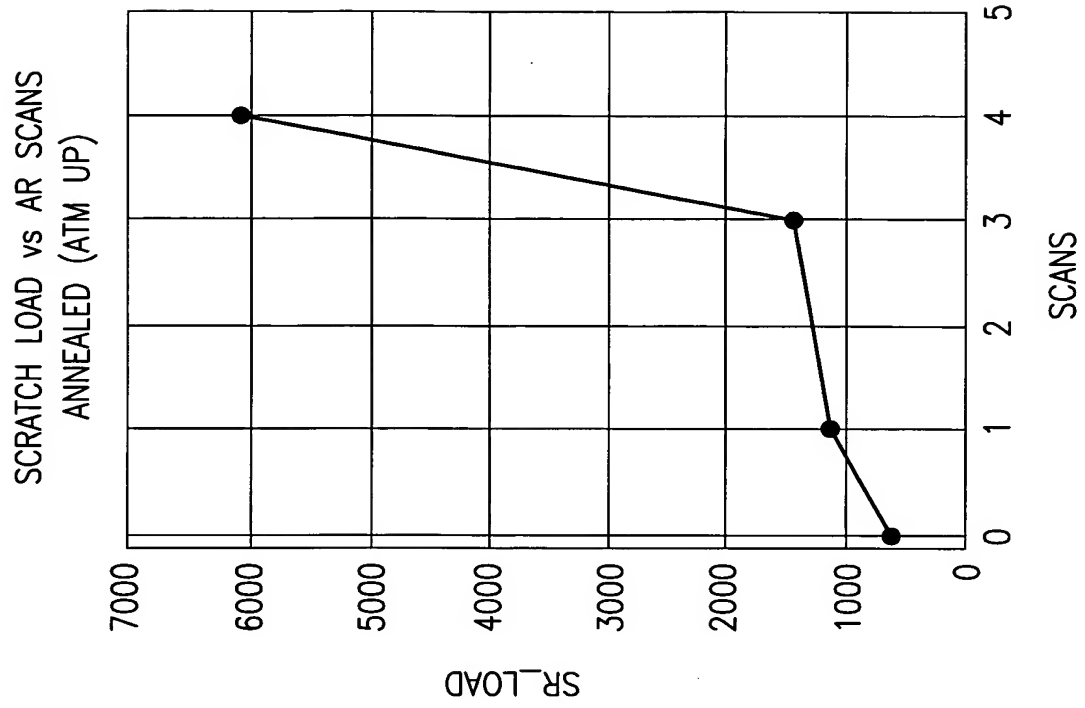


Fig. 5(a)

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**Fig. 5(c)**

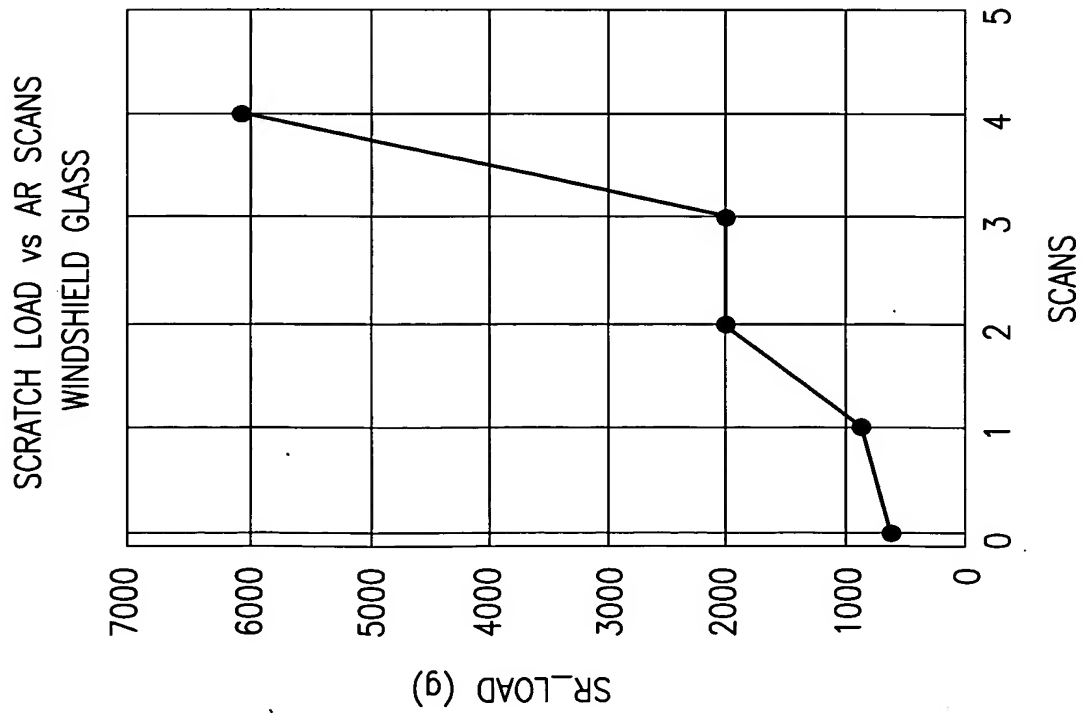


Fig. 5(b)

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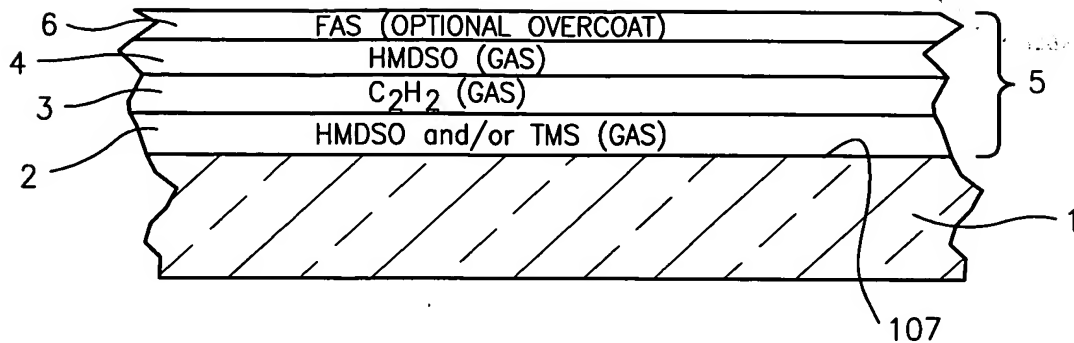


Fig. 6(a)

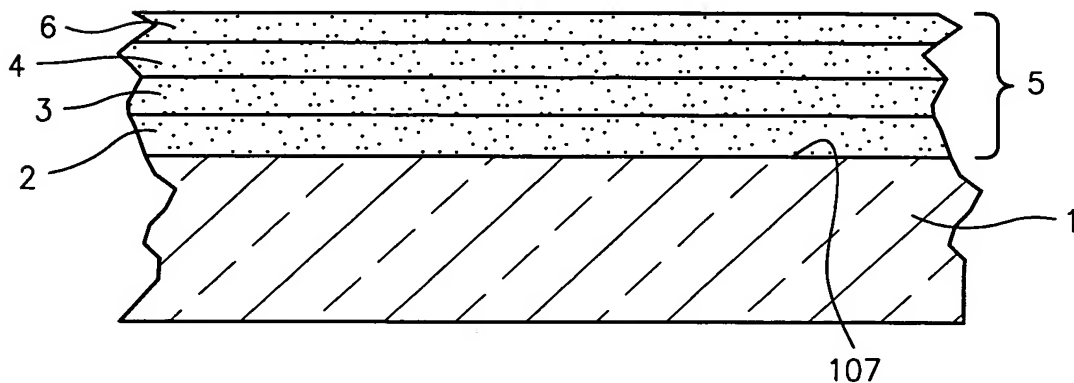


Fig. 6(b)

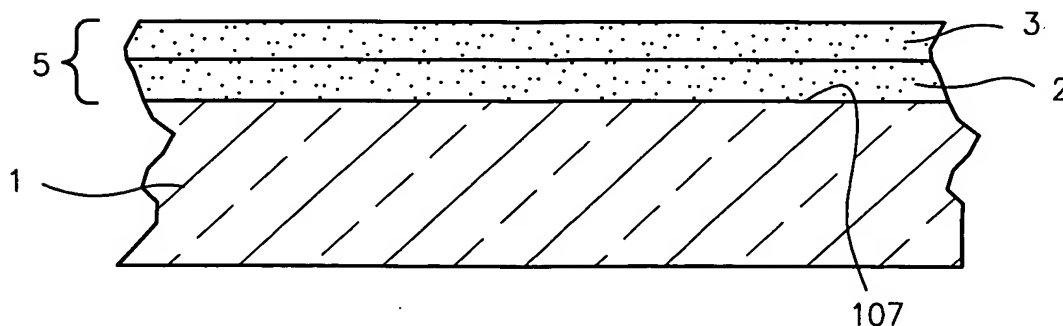


Fig. 6(c)



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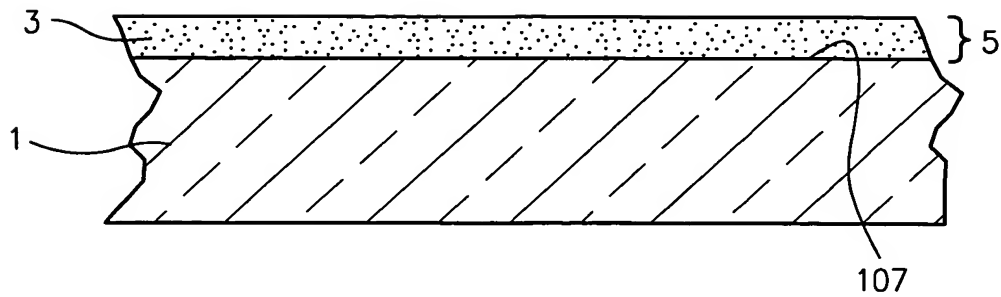
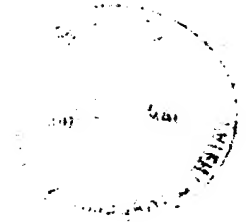


Fig. 6(d)

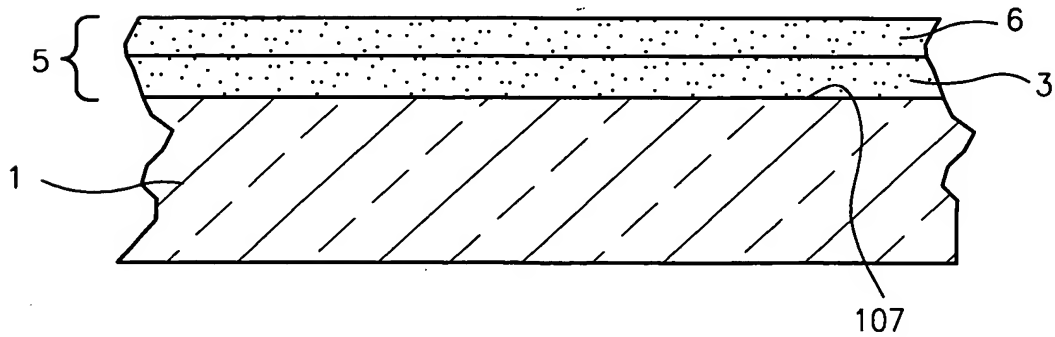


Fig. 6(e)

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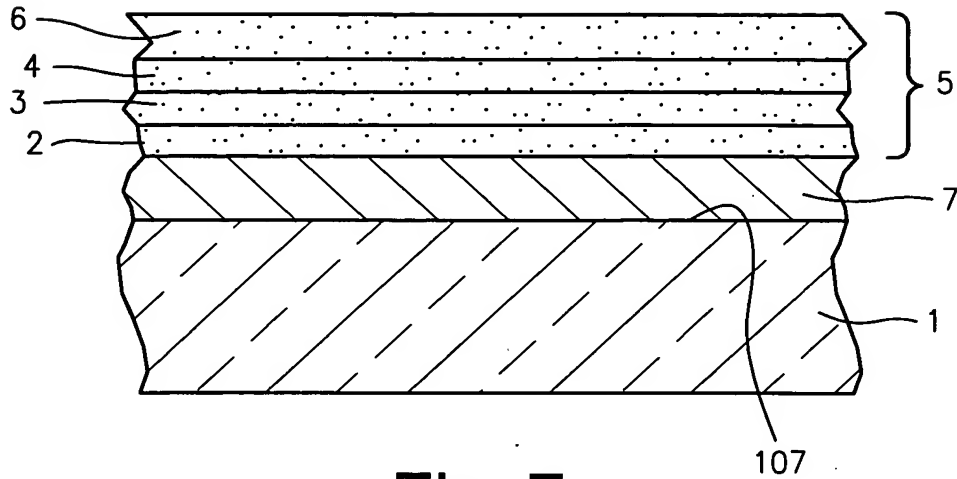


Fig. 7

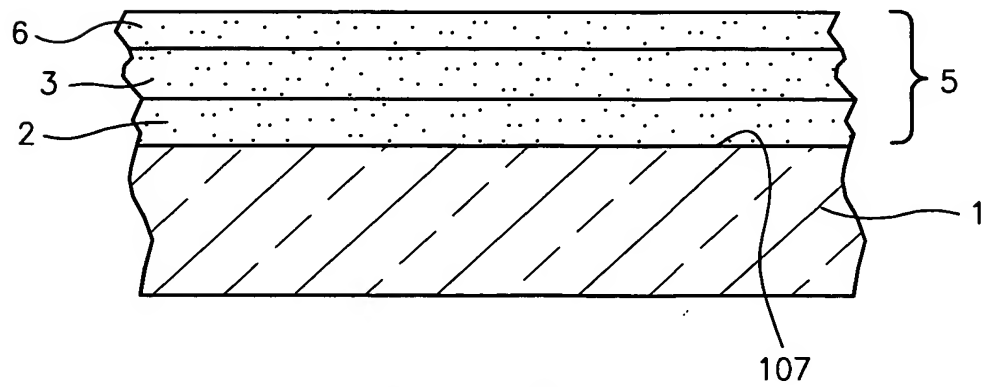


Fig. 8

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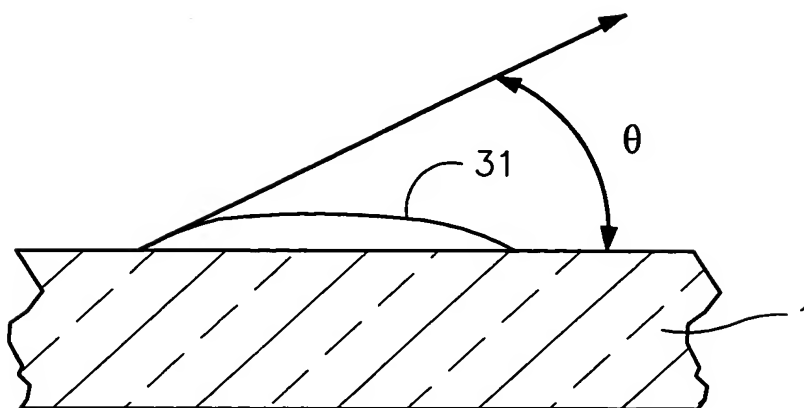


Fig. 9(a)

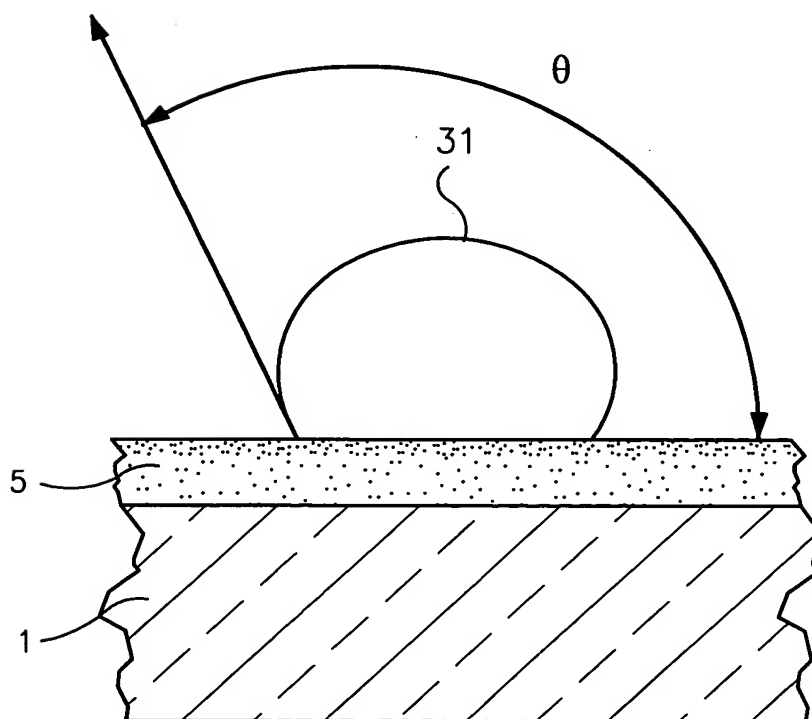
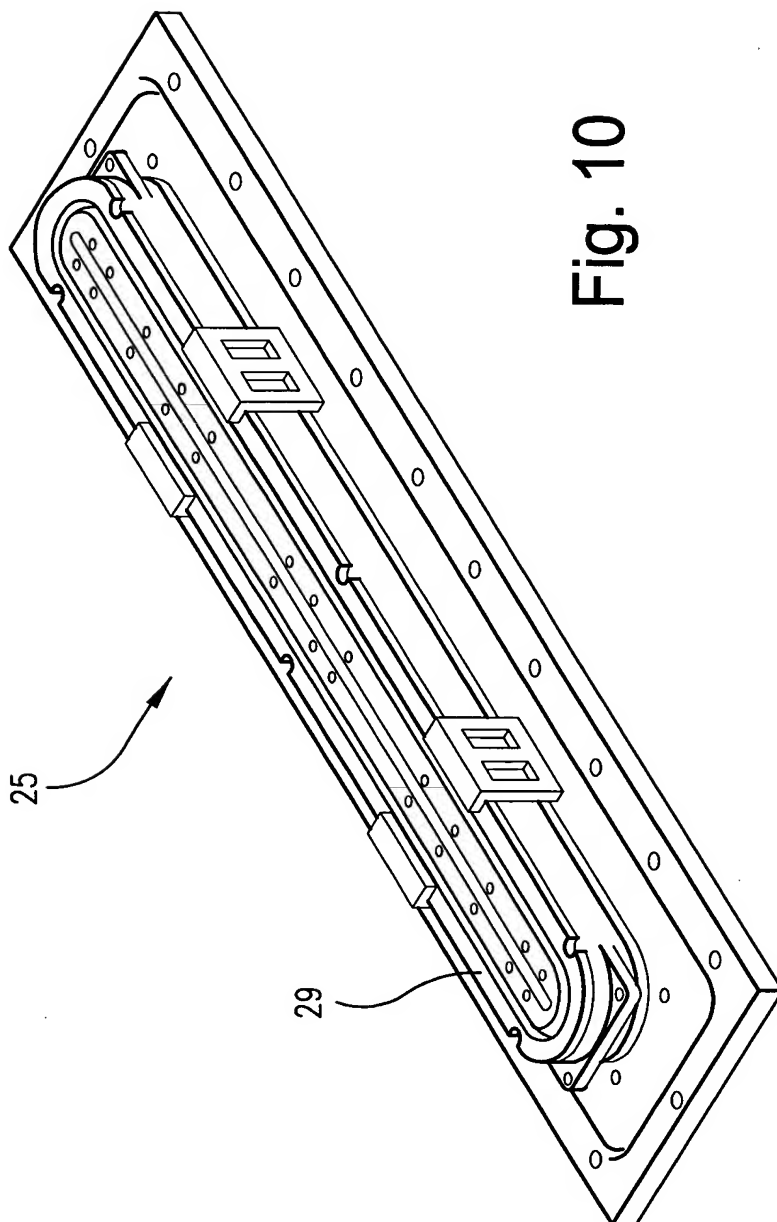


Fig. 9(b)

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Fig. 10



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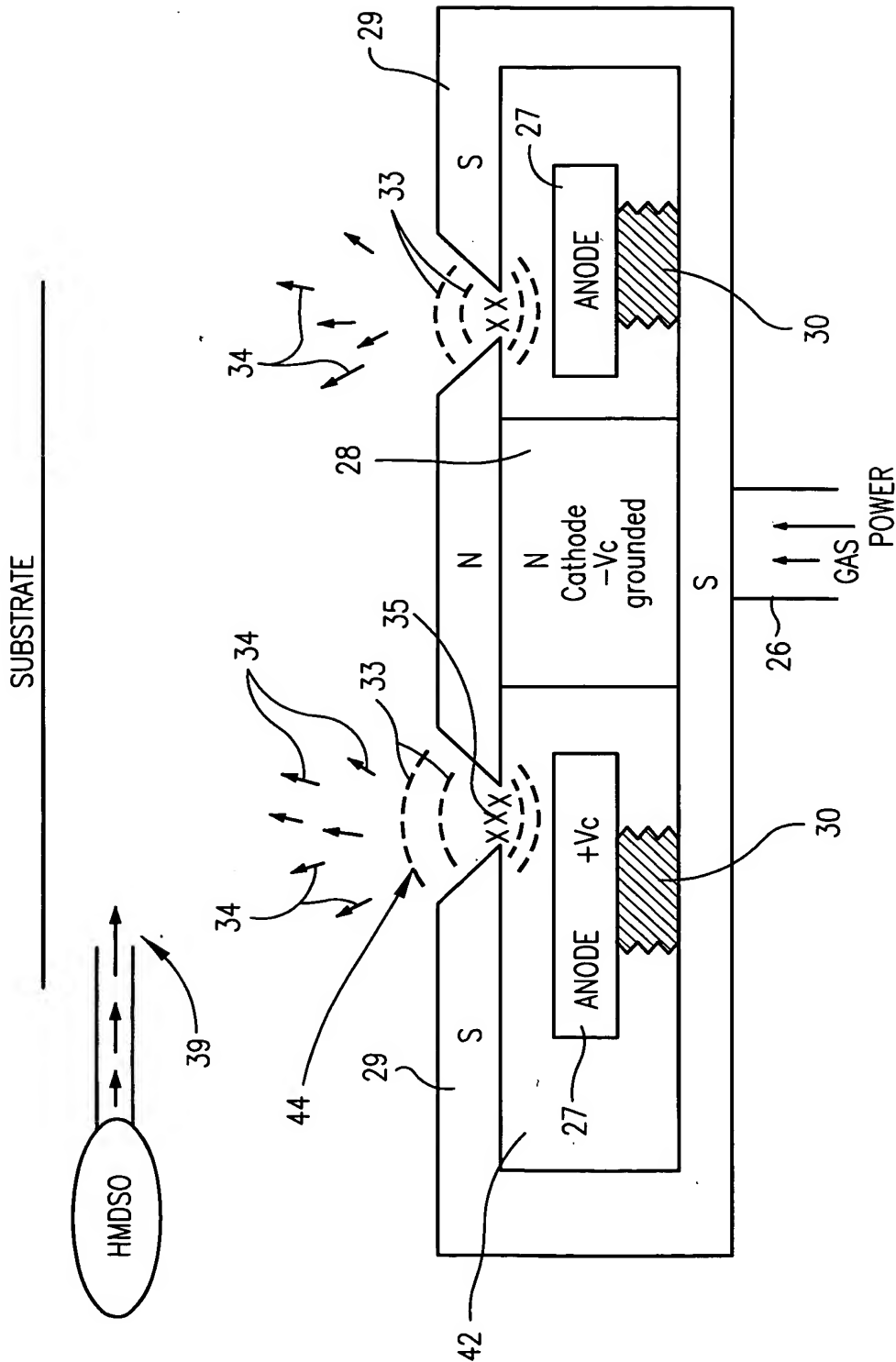


Fig. 11

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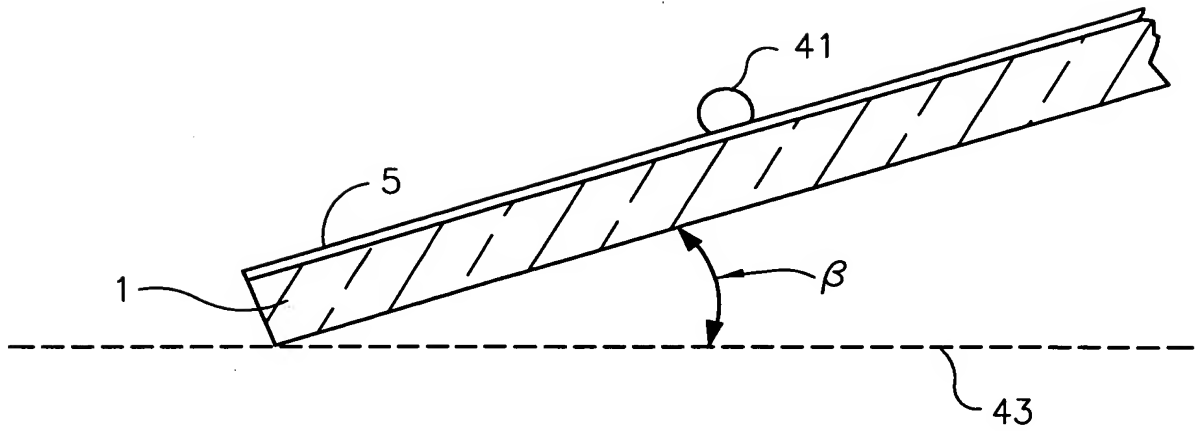


Fig. 12

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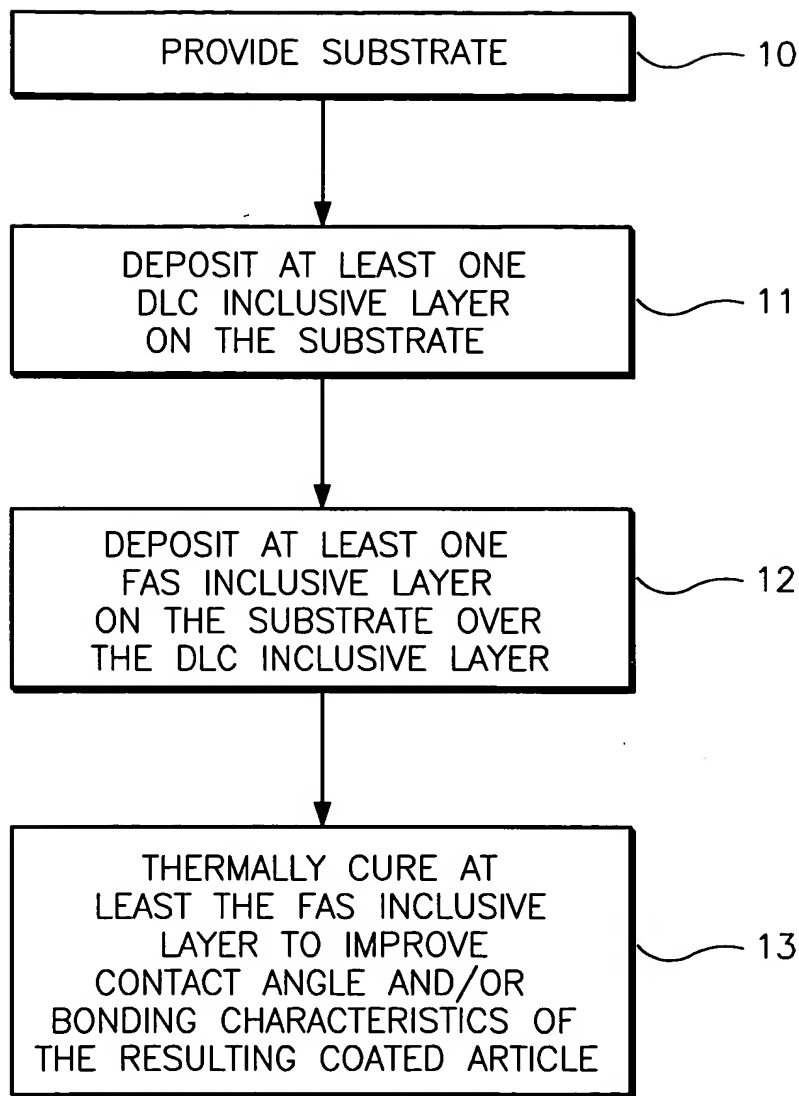


Fig. 13

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HMDSO

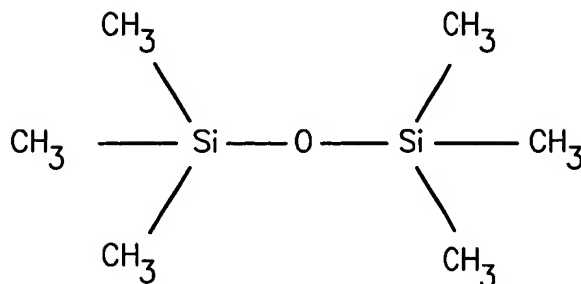


Fig. 14

DMS

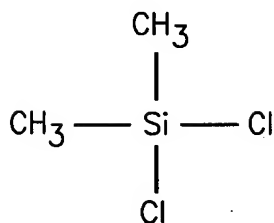


Fig. 15

TMS

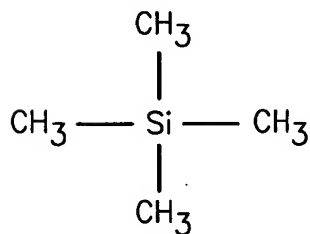


Fig. 16

3MS

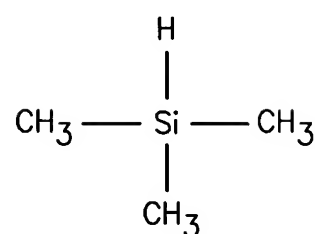


Fig. 17

OMCTSO

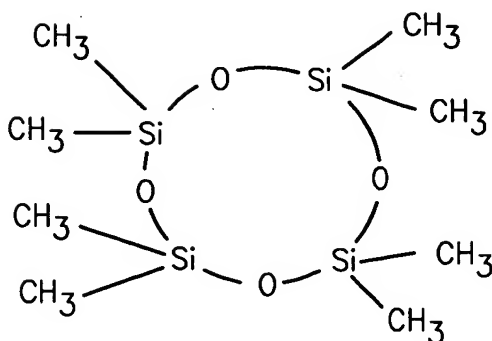


Fig. 18

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TMDSO

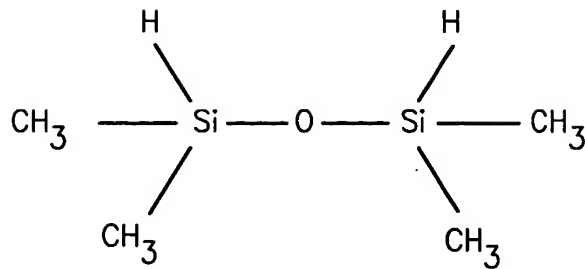


Fig. 19

TEOS

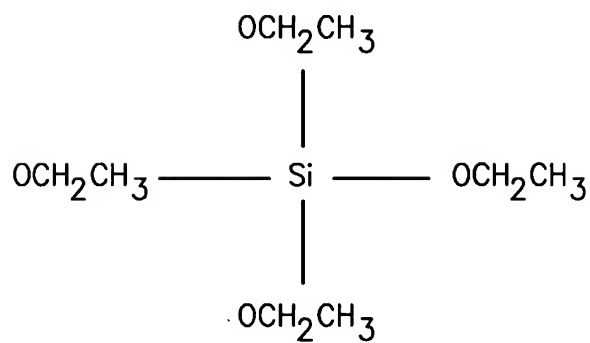


Fig. 20

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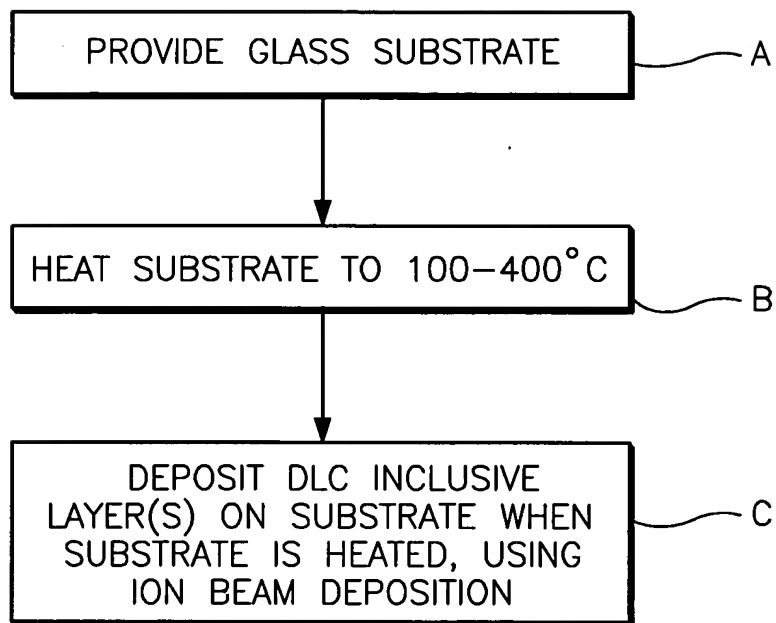


Fig. 21